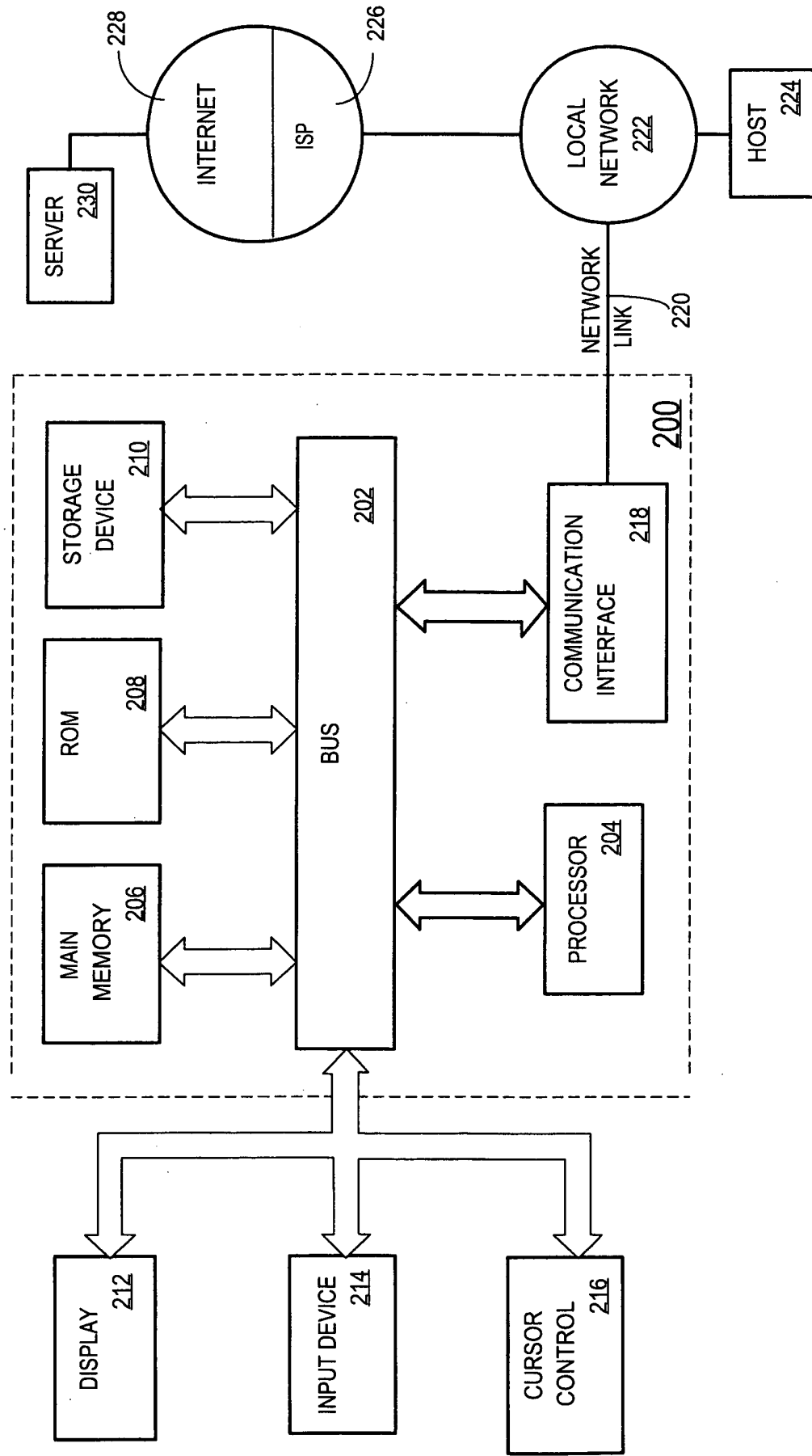


FIG. 1

000001 50550/50

FIG. 2



<?xml encoding="US-ASCII" version="1.0"?> 302
 <!ELEMENT bind (#EMPTY)> 304
 <ATTLIST bind
 name ID #REQUIRED
 uri IDREF #IMPLIED
 nmsp IDREF #IMPLIED>
 <!ELEMENT bind.uri(bind.postData ?)> 306
 <ATTLIST bind.uri
 name ID #REQUIRED
 hrefCDATA #IMPLIED>
 <!ELEMENT postData (#ANY)> 308
 <!ELEMENT bind.namespace (bind.namespace*)> 310
 <ATTLIST bind.namespace
 name ID #REQUIRED
 nmsid CDATA #IMPLIED>
 <!ELEMENT bind.element(#EMPTY)> 312
 <ATTLIST bind.element
 name ID #IMPLIED
 bind.name IDREF #REQUIRED
 bind.target CDATA #REQUIRED>

300

FIG.3

```

<?xml version="1.0" standalone="no"?>
<!DOCTYPE svg SYSTEM "svg-20000303style.dtd" >
<svg xmlns:svg="http://DOMAIN1/svg-20000303style.dtd"
    xmlns:bind="http://DOMAIN2/dtds/cim -svg-binding.dtd"
    width="500" height="500">
    <bind:bind name="device-data" urf="device-src" nmsp="device-inventory" />
    <bind:bind uriname="device-src" href="http://DOMAIN3/wbem" />
    <bind:bind.postData >
    </bind:bind.postData >
    </bind:bind.urf >
    <bind:bind.namespace name="device-inventory"
        nmsid="CIM /MESSAGE$IMPLERSP/IMETHODRESPONSE@{NAME=EnumerateElements}" />
    <svg:image x="100" y="150" width="32" height="32" xlink:href="32x32-ATMSwitch_green.gif"
        transform="matrix(1 0 0 1 98 -120)">
    <bind:bind.elementbind.name="device-data"
        bind.target="INSTANCE@{CLASSNAME=ManagedNetworkElement}
            /PROPERTY@{NAME=ID}/{VALUE=629}" />
    </image>
    </svg>

```

Diagram annotations:

- 402 points to the root XML declaration.
- 404 points to the DOCTYPE declaration.
- 406 points to the SVG root element.
- 410 points to the bind:bind element.
- 412 points to the bind:bind.uriname element.
- 414 points to the bind:bind.postData element.
- 416 points to the bind:bind.postData closing tag.
- 417 points to the bind:bind.urf element.
- 418 points to the bind:bind.namespace element.
- 420 points to the SVG image element.
- 422 points to the bind:bind.elementbind element.
- 424 points to the bind:bind.elementbind.name element.
- 408 points to the bind:bind.urf element.

FIG.4

```

<?xml version="1.0" standalone="no"?>
<!DOCTYPE svg SYSTEM 'svg-20000303style.dtd' >
<svg width="500" height="500">
    ...
    <a xlink:href="editDevice.jsp?device_ip=192.168.121.139">
        <image x="100" y="150" width="32" height="32" xlink:href="32x32-ATMSwitch_green.gif" > 508
        transform="matrix(1 0 0 1 98 -120)" />
    </a>
    ...
</svg>
    
```

504

502

506

140a

FIG.5

PRODUCE AN SVG DOCUMENT WITH
A BINDING ELEMENT ASSOCIATED WITH A GRAPHICAL ELEMENT

PRESENT THE SVG DOCUMENT

EXTRACT A POINTER TO A RESOURCE FROM THE BINDING ELEMENT

640
HAS USER SELECTED
THE GRAPHICAL
ELEMENT ?

NO

YES

USE INFORMATION IN RESOURCE BASED ON POINTER

CONTINUE

FIG.6A

09703505 103100

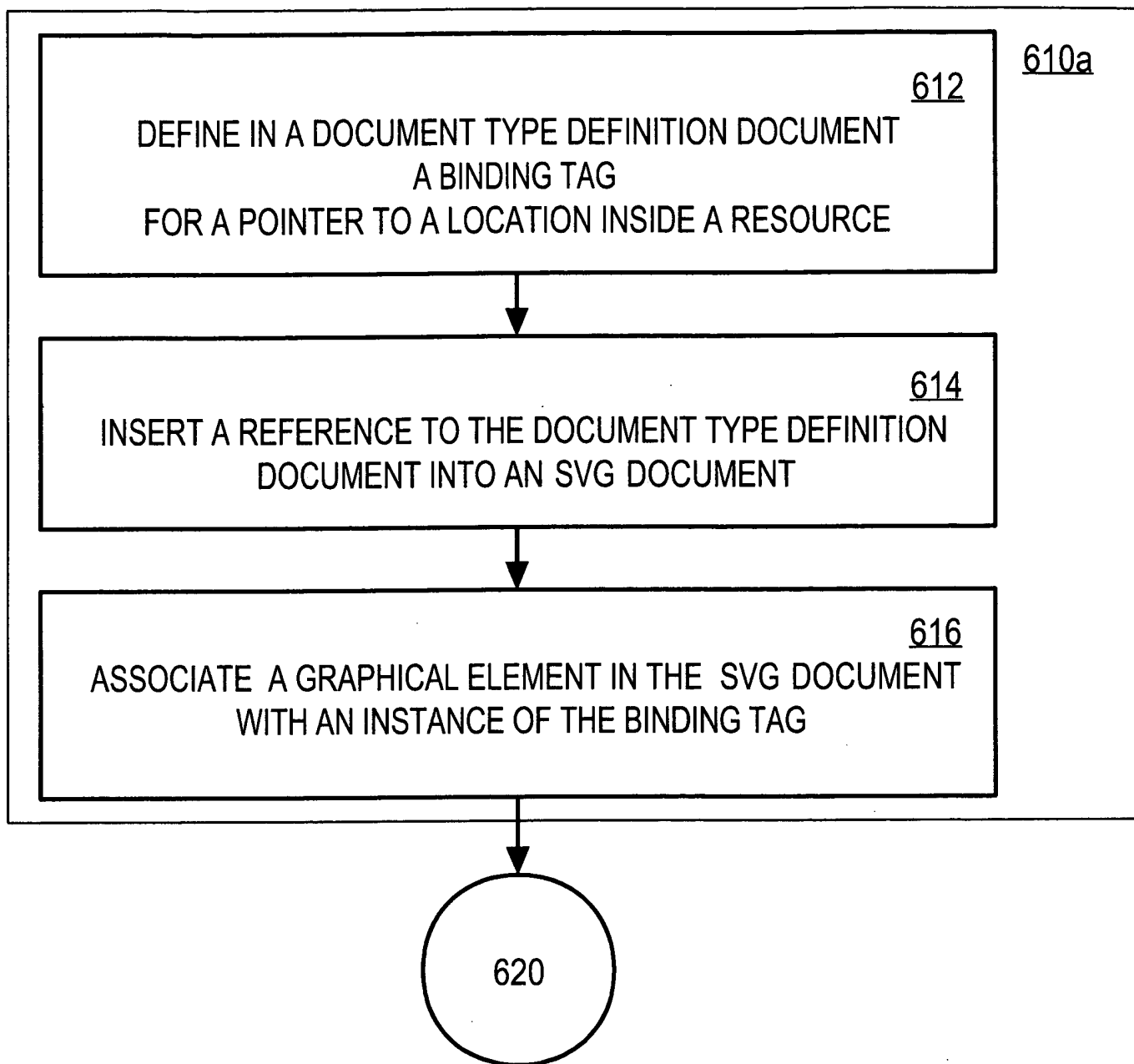


FIG.6B

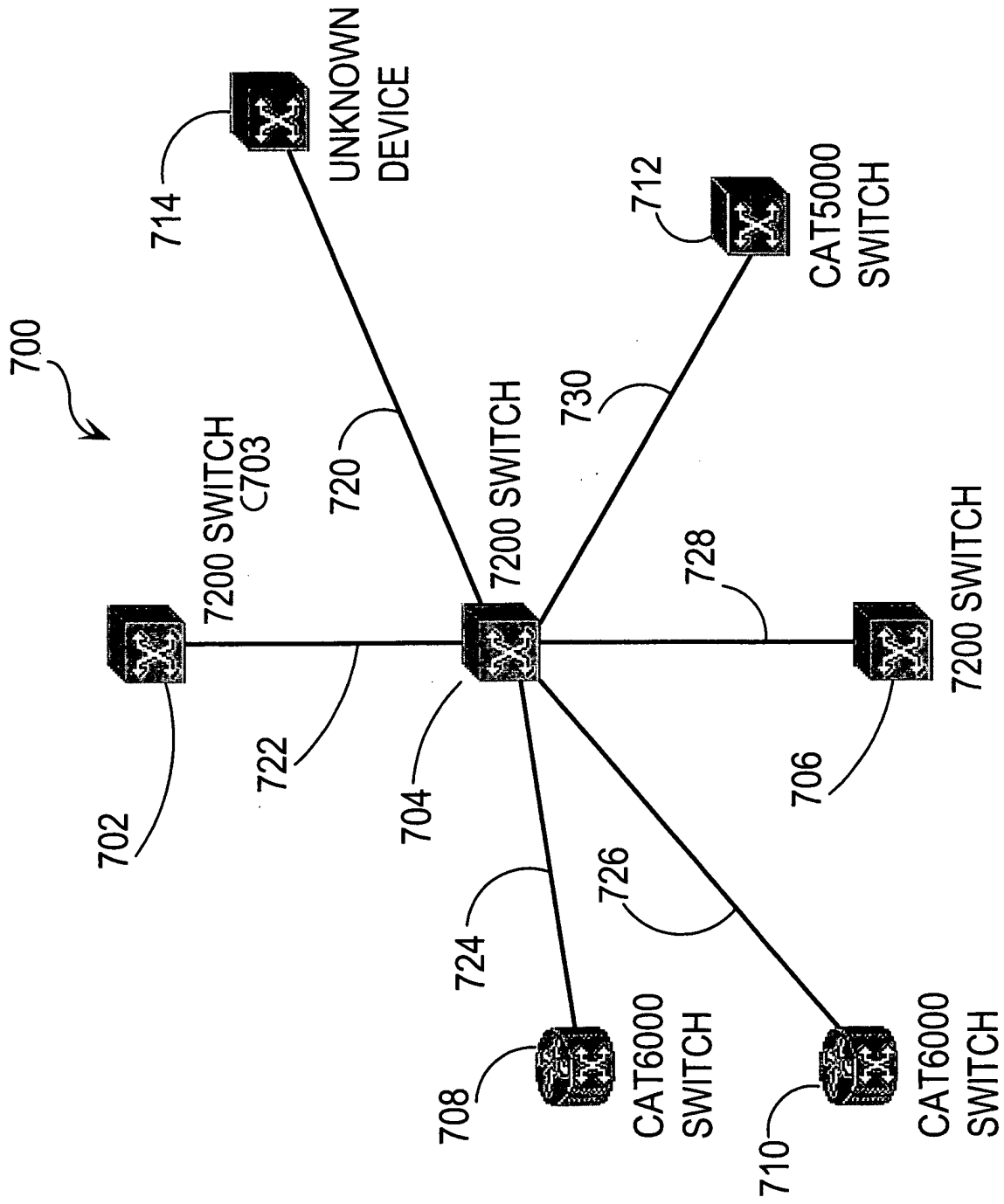


FIG. 7

09703505.103100

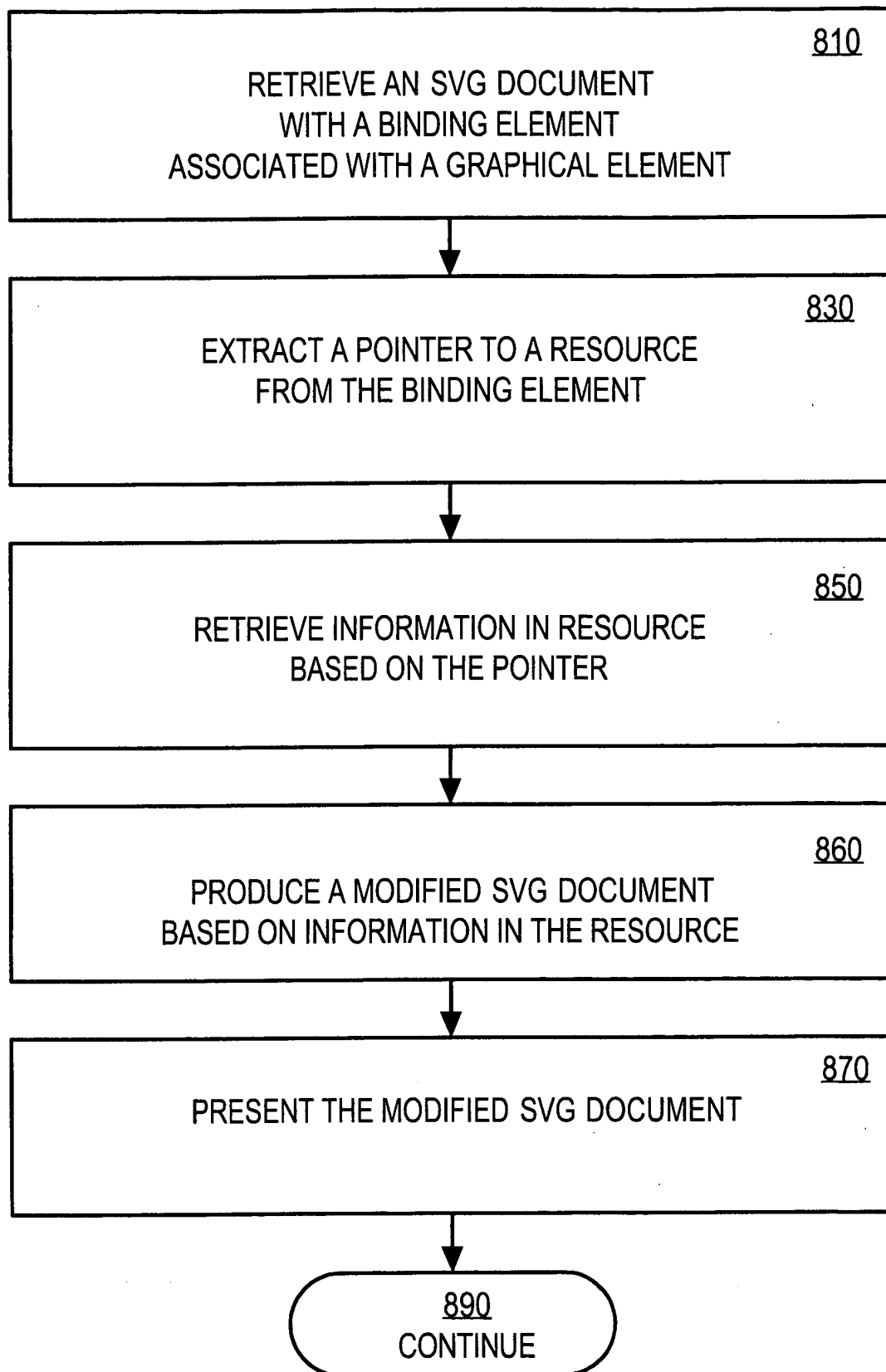


FIG.8A

09703505 103100

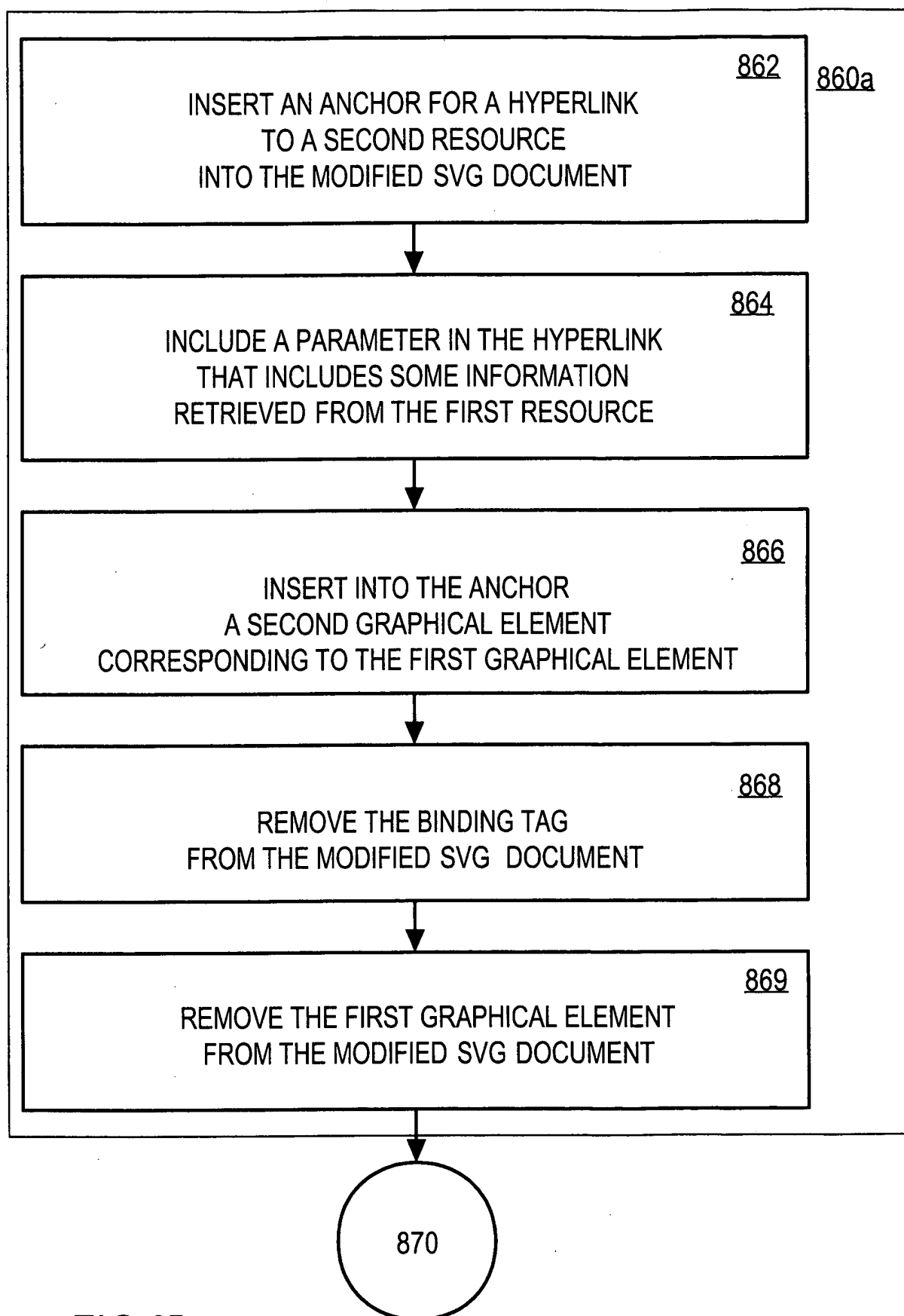


FIG.8B

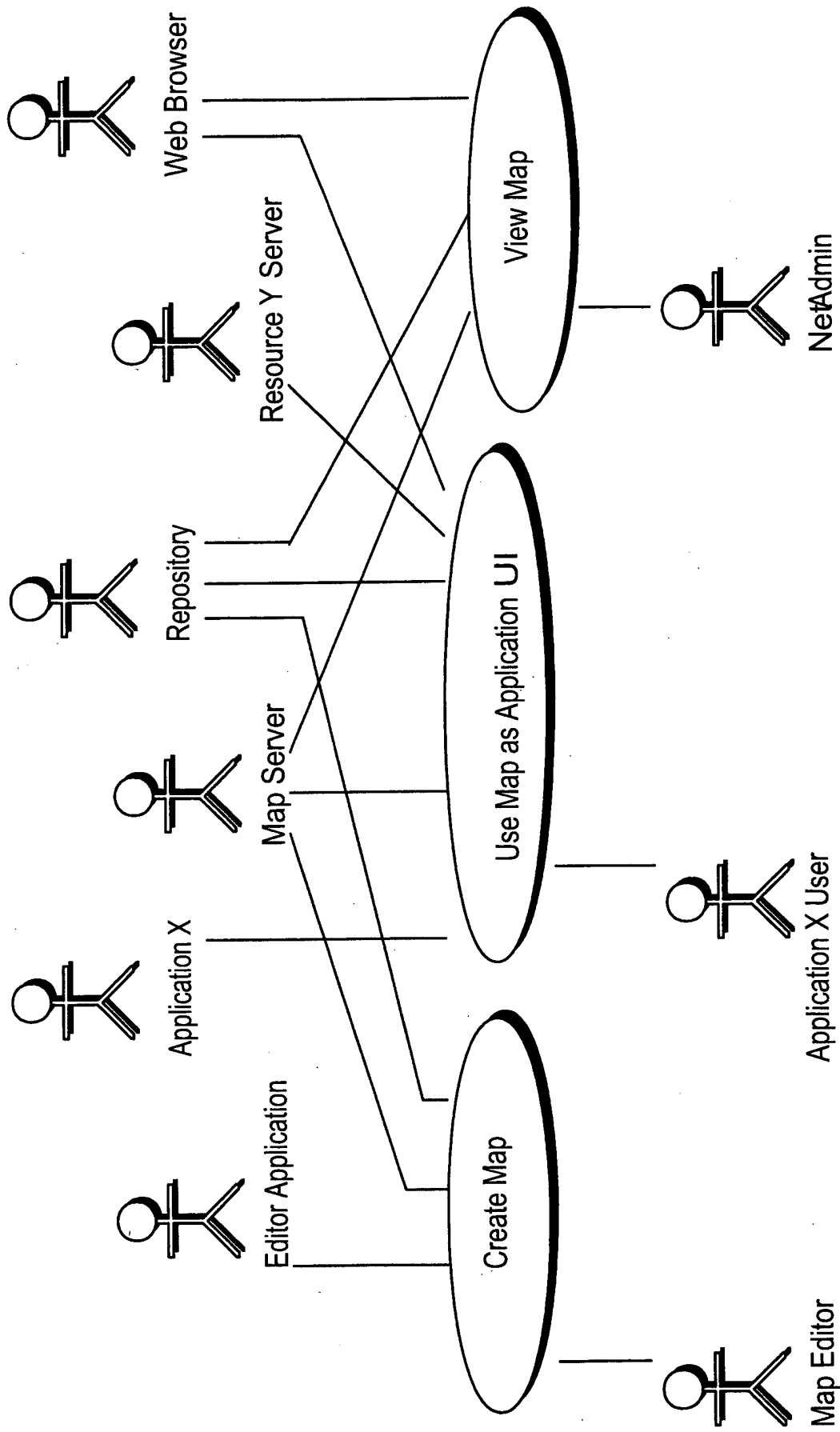


FIG.9A

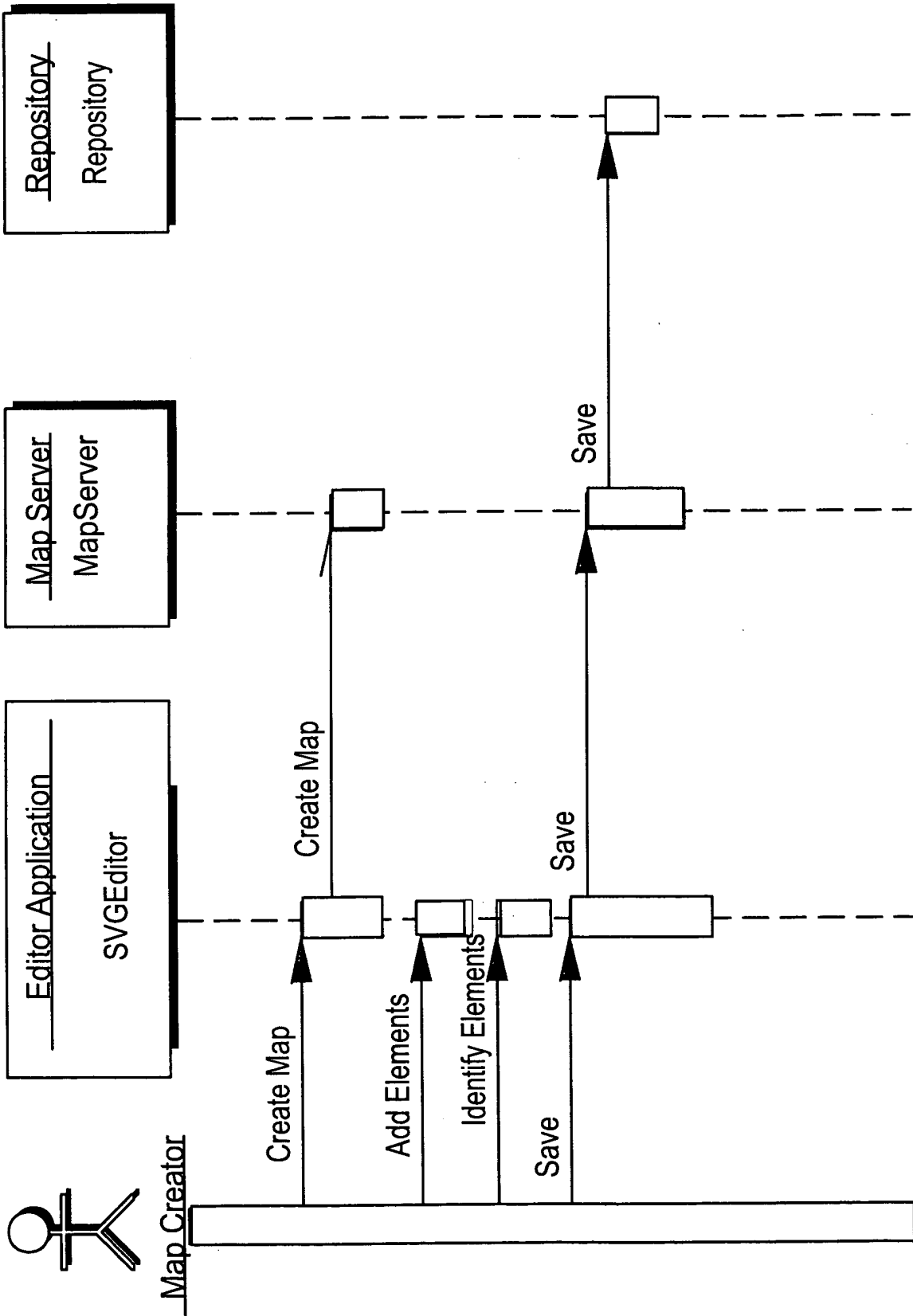


FIG.9B

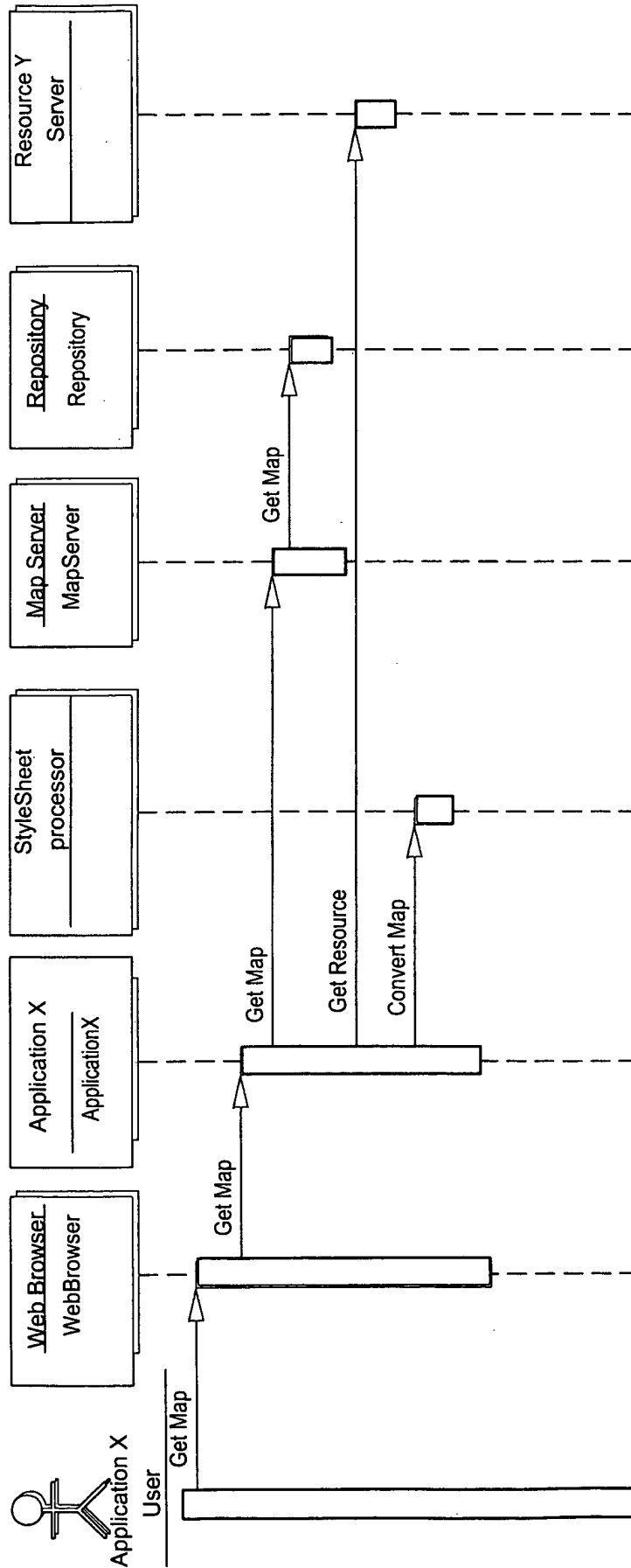


FIG.9C

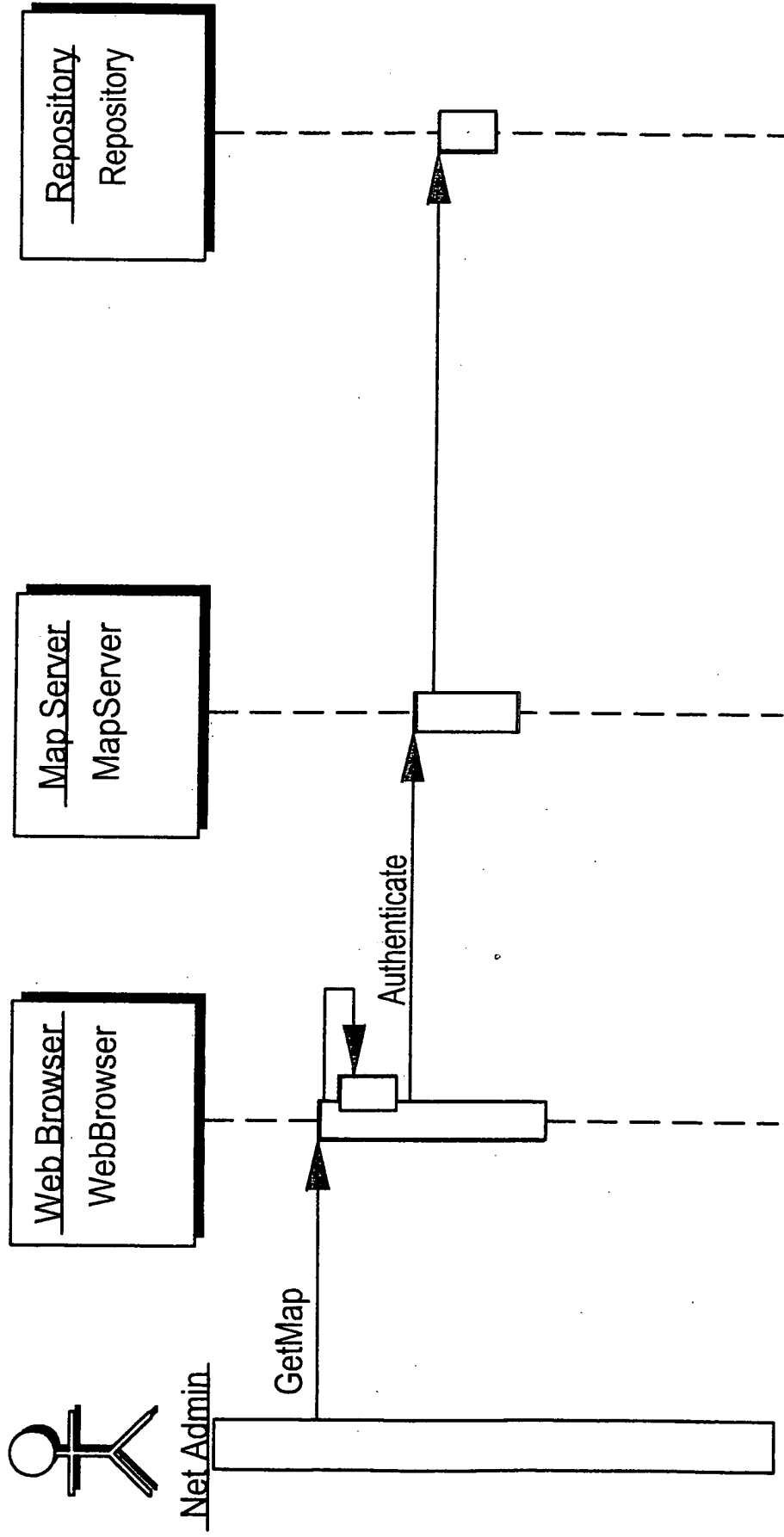


FIG.9D